

SEQUENCE LISTING

<110> HOLM, Arne

<120> Method for preparing and Ligand Presenting Assembly (LPA), and LPA, and uses thereof

<130> 162/P63882USO

<140> 09/408,578

<141> 1999-09-29

<150> DK PA 1998 01233

<151> 1998-09-29

<160> 15

<170> PatentIn Ver. 2.1

<210> 1

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Sequence derived from the OspC protein of Borrelia burgdorferi

<400> 1

Pro Val Val Ala Glu Ser Pro Lys Lys Pro
1 5 10

<210> 2

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ESAT-6, 51-70 sequence of Mycobacterium tuberculosis

<400> 2

Gln Leu Ala Asn Asn Leu Glu Thr Ala Thr Ala Asp Trp Lys Gln Gln
1 5 10 15

Val Gly Gln Tyr
20

<210> 3

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ESAT-6, 1-17



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sequence of Mycobacterium tuberculosis

<400> 3

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ala | Ser | Ala | Ala | Ala | Glu | Ile | Gly | Ala | Phe | Asn | Trp | Gln | Gln | Glu | Thr |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Met

<210> 4

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Chlamydia trachomatis DnaK 357-368 sequence

<400> 4

| | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Glu | Pro | Asn | Lys | Gly | Val | Asn | Pro | Asp | Glu | Val |
| 1 | | | | 5 | | | | | 10 | | |

<210> 5

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Angiotensin I sequence

<400> 5

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Asp | Arg | Val | Tyr | Ile | His | Pro | Phe | His | Leu |
| 1 | | | | 5 | | | | | 10 |

<210> 6

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Clostridium thermosaccharolyticum peptide sequence 19-27

<400> 6

| | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Asp | Pro | Thr | Gln | Asn | Ile | Pro | Pro | Gly |
| 1 | | | | 5 | | | | |

<210> 7

<211> 15

<212> PRT

<213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic LPA

<220>
 <221> MOD_RES
 <222> (1)..(2)
 <223> Beta-Ala

<220>
 <221> MOD_RES
 <222> (15)
 <223> Beta-Ala

<400> 7
 Ala Ala Lys Glu Pro Asn Lys Gly Val Asn Pro Asp Glu Val Ala
 1 5 10 15

<210> 8
 <211> 13
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic LPA

<220>
 <221> MOD_RES
 <222> (13)
 <223> Beta-Ala

<400> 8
 Lys Glu Pro Asn Lys Gly Val Asn Pro Asp Glu Val Ala
 1 5 10

<210> 9
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic LPA

<400> 9
 Val Ala Glu Ser Pro Lys Lys Pro
 1 5

<210> 10
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic LPA

<400> 10
 Val Val Ala Glu Ser Pro Lys Lys Pro
 1 5

<210> 11
 <211> 4
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic LPA

<400> 11
 Pro Lys Lys Pro
 1

<210> 12
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic LPA

<400> 12
 Pro Lys Lys Pro Ser Glu Ala Val Val Pro
 1 5 10

<210> 13
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic LPA

<400> 13
 Lys Gln Leu Ala Asn Asn Leu Glu Thr Ala Thr Ala Asp Trp Lys Gln
 1 5 10 15

Gln Val Gly Gln Tyr
 20

<210> 14
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic LPA

<400> 14
Lys Ala Ser Ala Ala Ala Glu Ile Gly Ala Phe Asn Trp Gln Gln Glu
1 5 10 15

Thr Met

<210> 15
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic LPA

<220>
<221> MOD_RES
<222> (1)
<223> Asp(tBu)

Blond
<220>
<221> MOD_RES
<222> (3)
<223> Thr(tBu)

<220>
<221> MOD_RES
<222> (4)
<223> Gln(Trt)

<220>
<221> MOD_RES
<222> (5)
<223> Asn(Trt)

<400> 15
Asp Pro Thr Gln Asn Ile Pro Pro Gly
1 5
